

FIG. 1 (PRIOR ART)

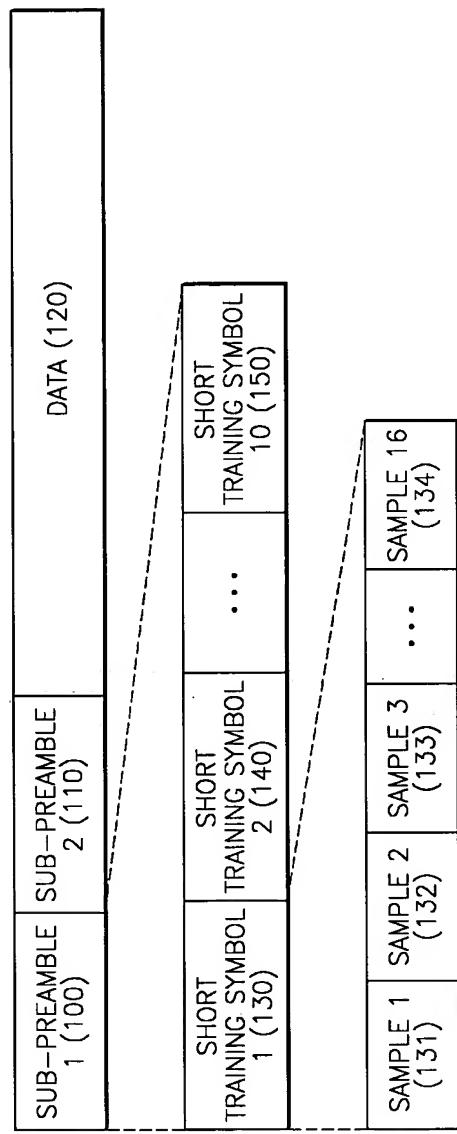


FIG. 2 (PRIOR ART)

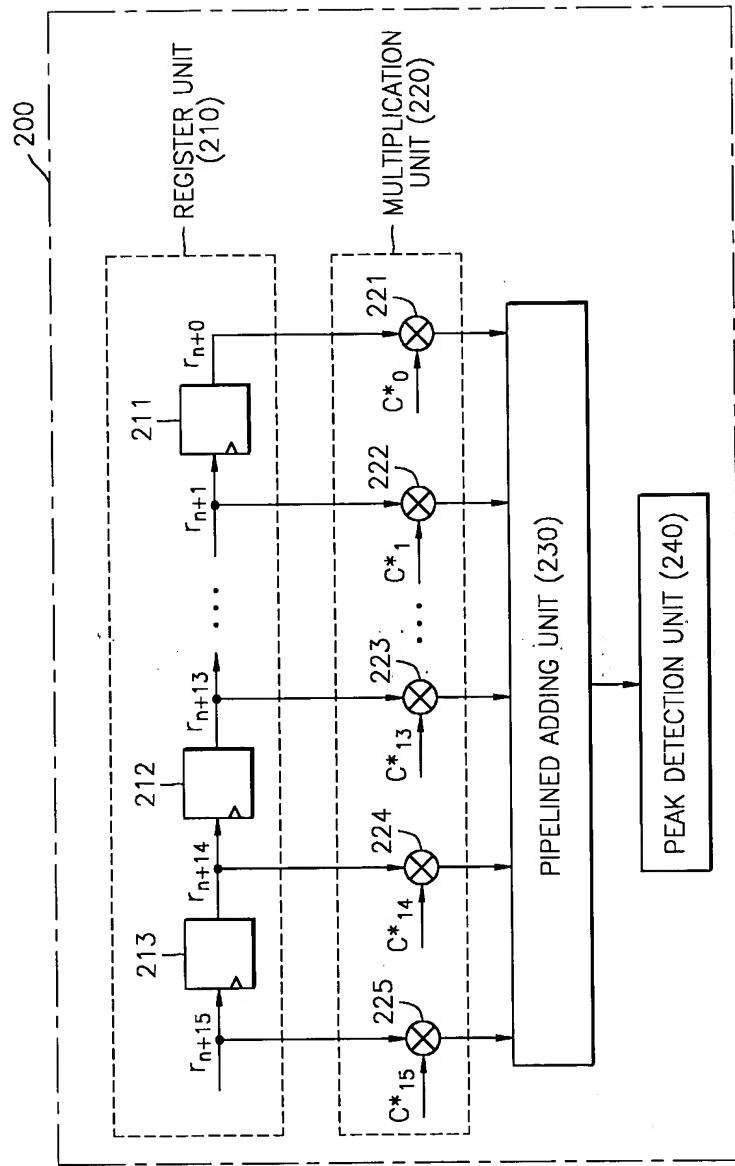


FIG. 3

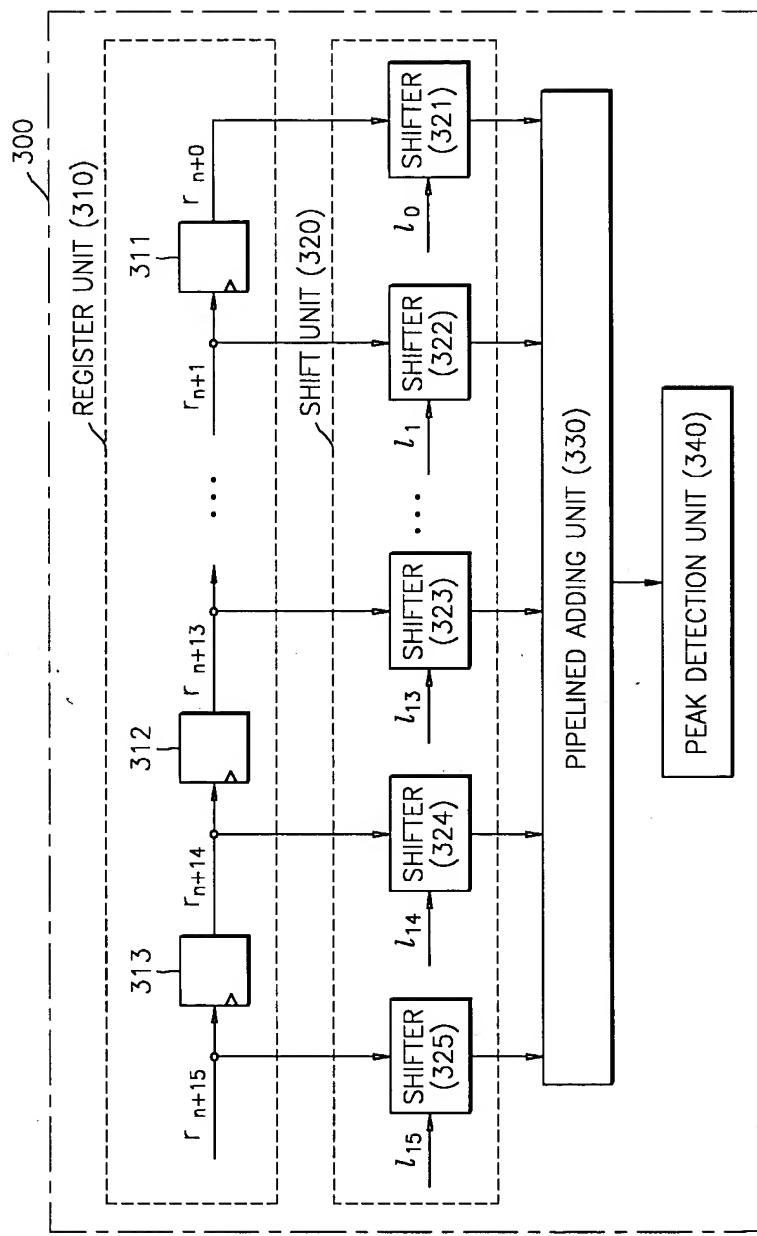


FIG. 4

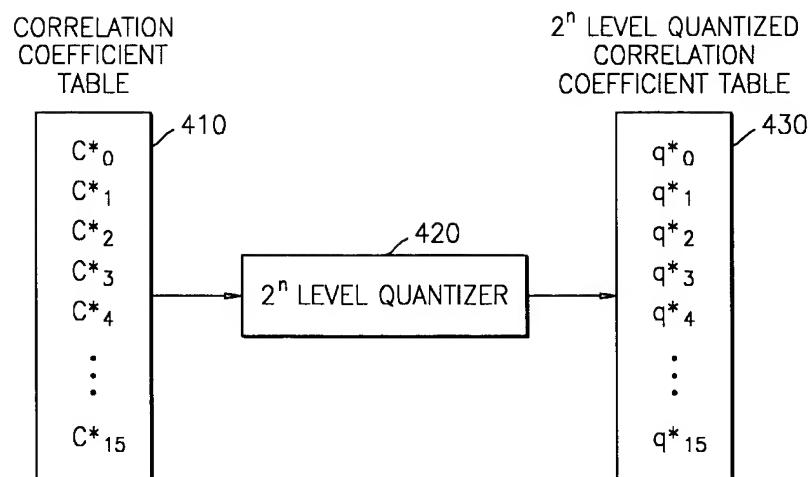


FIG. 5

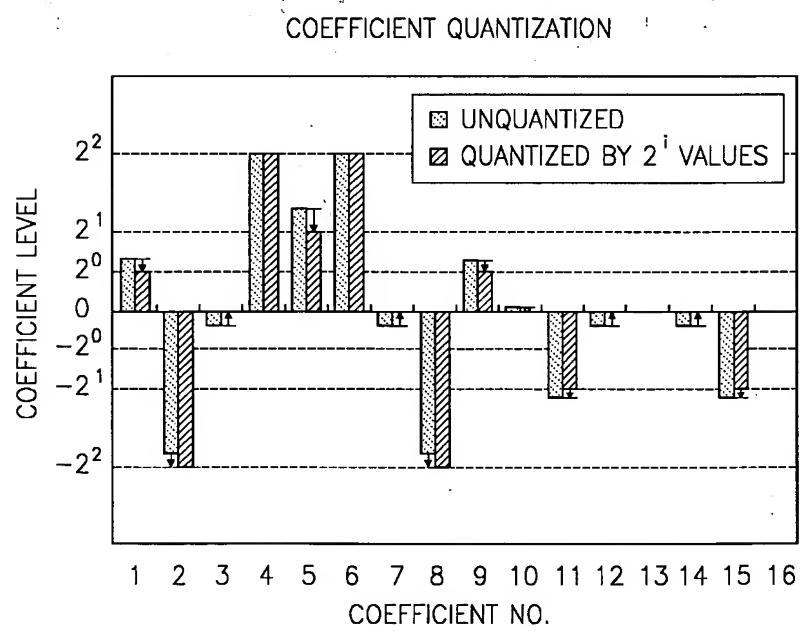


FIG. 6

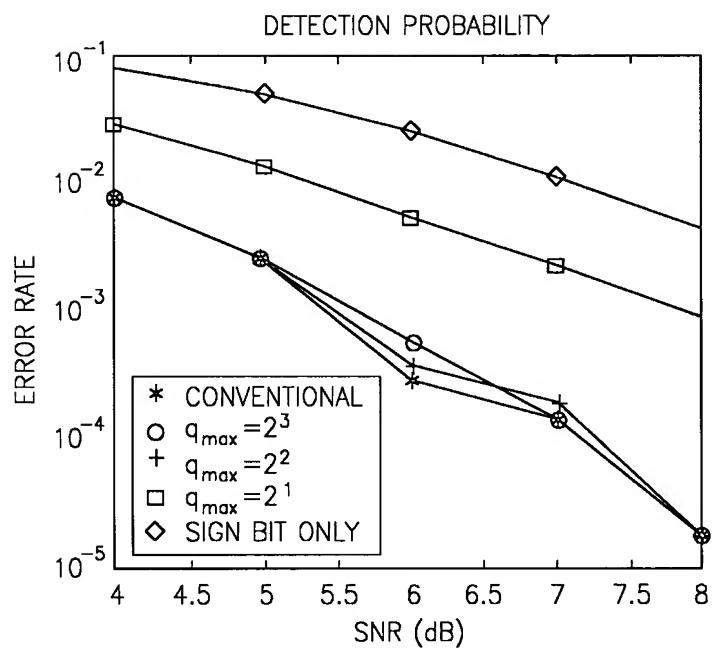


FIG. 7

ITEMS	NUMBER OF GATES	
	CONVENTIONAL SYSTEM	PROPOSED SYSTEM
MULTIPLIERS (8x8)	16	0
REGISTER (8-bit)	15	15
ADDER	1 (16-bit)	1 (11-bit)
TOTAL GATE NUMBER	9495 (100%)	978 (10.3%)